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Eganple:
Aproximo \int_{2x}e^{2}dx con 7 nodos.
   h = \frac{6 - \alpha}{m - 1} = \frac{1 - 0}{6} = \frac{1}{6}
      X° yi
X°=0 y°=0
      x_1 = \frac{1}{6}
                   y1 = 0131272
                                                 Sima y impario
61=4,96441
                   g2=074501 ×
                                                  [52=2,82,451
Suma y parus
                    y3=1,28403
                       yy=2,07950 X
                   y 5 = 3,33766
                    86 = 5143656
         a) trapicio

\frac{5}{5}yi = 7,73880

\Rightarrow \int_{0}^{1} 2xe^{x^{2}}dx \approx \frac{1}{2}\left(\frac{1}{6}\right)\left[0+2(7,78892)+5,43656\right]

                     ≈1,7512
#
     6) Vsendo Simpson
          \int_{2}^{1} 2 \times e^{\chi^{2}} \approx \frac{1}{3} (\frac{1}{6}) (0 + 40 + 26 + 5) 43656)
                    \approx 1,71907
            Obs: \int_{0}^{1} 2xe^{x^{2}} dx = 1,718281...
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